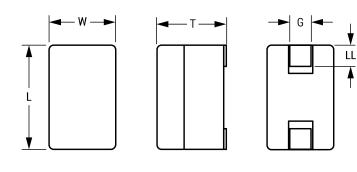


## **TPI118082L180N** Aliases (UPIY118082L18N) KEMET, TPI, Ferrite, 10%, 180 nH, 118082(4431)

V



General Information	
Series	TPI
Style	SMD Power Bead
Core	Ferrite
Description	Surface Mount Inductor
Features	DC Optimized TPI Inductors
RoHS	Yes
Miscellaneous	40 (K) Temperature Rise Max.

## Click here for the 3D model.

Dimensions	
Chip Size	118082(4431)
L	11.2mm MAX
W	8mm MAX
т	8.2mm MAX
G	2.5mm +/-0.1mm

Packaging Specifications	
Typical Component Weight	3 g
Packaging	T&R, 330mm
Packaging Quantity	400

Specifications	
Inductance	180 nH (0.1 MHz)
Inductance Tolerance	10%
Rated Current	50 A (Irms, 40C Rise By Self Heating)
Saturation Current	79 A (Isat, 20% Drop In Inductance)
Temperature Range	-40/+125°C
Shielded	Yes
DC Resistance	0.29 mOhms
DC Resistance	0.29 mOhms

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